

ABSTRACT OF THE DISCLOSURE

5 A thin film magnetic head includes a gap layer which
may be made of a SiON film to increase Young's modulus E
to about 123.3 (GPa) or more. As a result, the gap layer
is less pushed from a surface facing a recording medium
in the height direction during lapping of the surface
facing the recording medium, thereby decreasing the
amount of protrusion of the gap layer from the facing
surface as compared with a conventional magnetic head.

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